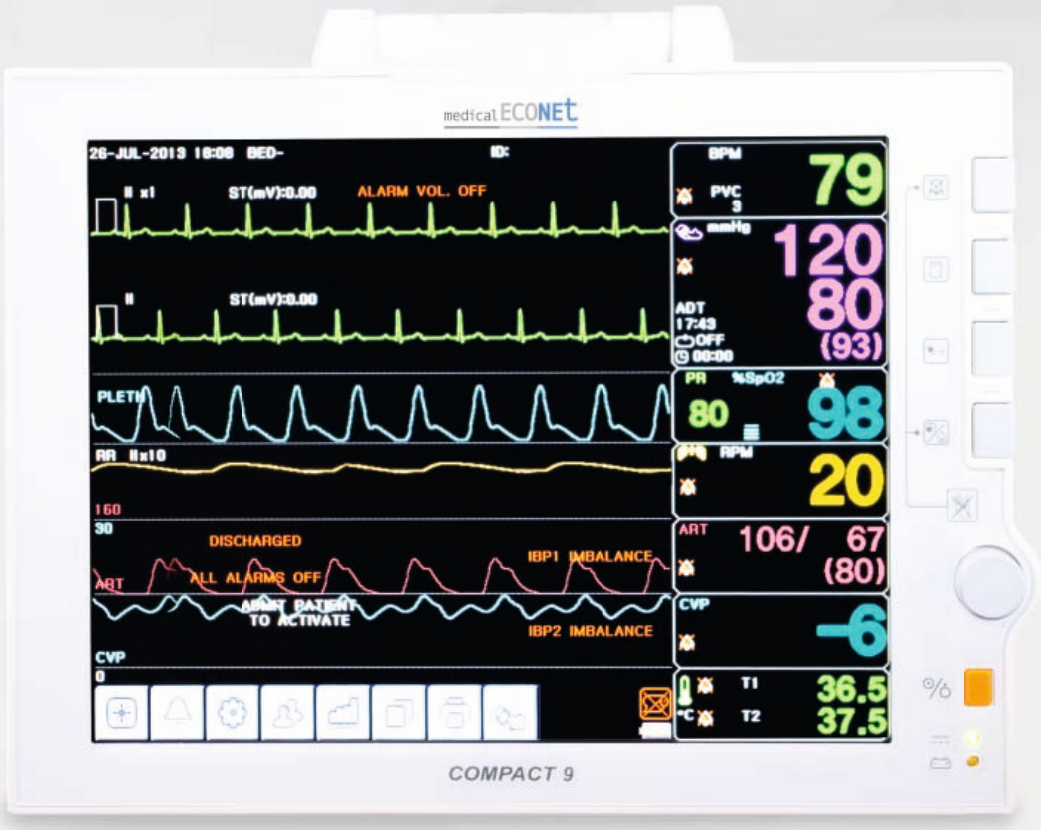
medical ECONET
GERMANY

Welcome to healthcare



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medical ECONET
GERMANY

The roots of medical Econet GmbH long back to the year 1997. As European headquarter of company "Kretz Technik AG, Zipf / Austria, our office was located in Dorsten, on the edge of the River - Ruhr-Area.

In present days we are an independent company and have established ourselves as a qualified manufacturer and supplier of medical products, successful in national and international sales. In February 2013, we moved our headquarters to a new, modern building complex in Oberhausen / NRW.

With our high quality and innovative medical devices, medical Econet GmbH recorded a steadily increasing demand in Germany, Europe and many other regions around the world.

Medical supply specialists, hospitals, clinics, midwives, therapists and many other therapeutically active groups rely on our experience and our professionalism.

Our aim is to constantly extend and improve our product range of diagnostic devices and imaging systems. The needs and wishes of our customers we always raise perceived as inspiration for new developments and implemented successfully for many years.

Fetal

Insight Lite

Economic and versatile Fetal Monitor

- Large 7 - segment LED
- High sensitive 9 crystals 2 Mhz transducer
- Dual fetal movement and heart rate
- Internal thermal printer (114 mm wide)
- Printing speed: 10, 20, 30 mm / min
- 360° visible alarm lamp
- Heart rate display
- Serial interface RS - 232
- Built-in rechargeable Li - ion battery
- Incl. waterproof probes, event marker, belts, gel and paper
- Dimensions: 245 x 175 x 145 mm

Insight Lite - Fetal Monitor
Article No. 35.51-9001

Insight

Premium and compact Fetal Monitor

- 7" wide TFT color LCD monitor
- High sensitive 9 crystals 2 MHz transducer
- Dual fetal movement and heart rate
- 24 hours trend saving time
- Printing speed: 10, 20, 30 mm / min
- 360° visual alarm lamp
- Internal thermal printer
- Built - in rechargeable Li - ion battery
- Incl. waterproof probes, event marker, belts, gel and paper
- Fetal ECG function (optional)

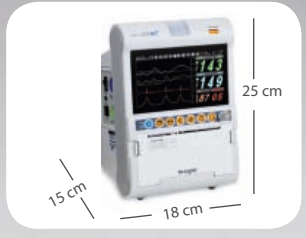
Insight - Fetal Monitor
Article No. 35.51-9000

Mobile stand

Waterproof probes IPX7
Insight Lite / Insight

Durable connectors
Insight Lite/ Insight

Dimensions
Insight Lite/ Insight



ECOtwin
LCD / LED

- 7" wide TFT color LCD monitor (800 x 480) : LCD type
- 7 - segment large numeric LED : LED type
- 450 hours patient data saving : LCD type
- High sensitive 9 elements 0.985 MHz transducer
- Waterproof probes
- Built - in battery
- Incl. probes, event marker, belts, gel and paper
- Data transfer through USB stick : LCD type
- Free software for data management

Modernized user - friendly antepartum fetal monitor

ECOtwin LED
Article-No. 35.71-3450

ECOtwin LCD
Article-No. 35.71-3470

ECOsound

Easy to use pocket size fetal doppler with waterproof probe

ECOsound WP
Article-No. 35.71-2600

- Large LCD for heart rate and battery status
- Ultra sensitive 2MHz tranducer
- Built in loud speaker
- Audio output - jack for earphone
- Active noise reduction to optimize signal quality
- Auto shut off to prolong battery life (AA 1,5 V x 2)

Probes for ECOtwin

Bag for ECOtwin

Bag for ECOsound

CTG belts

Smart 1

Single Fetal Monitor

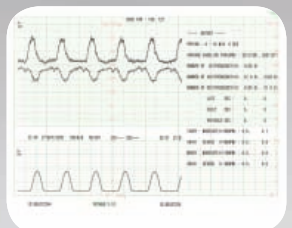
Smart 1

Article No. 35.11-7000

- High sensitive US probe, external UC measurement
- LED display
- Large print - out
- Incl. 1 US probe with 9 crystals and 1 Mhz,1 Toco probe, event marker, CTG belts, 2 rolls of paper, ultrasound gel, power supply, manual
- (Paper - 21,5 cm x 30 m / 45 mm diameter)

Probes

CTG analysis



Dimensions

Smart 3

Twin Fetal Monitor

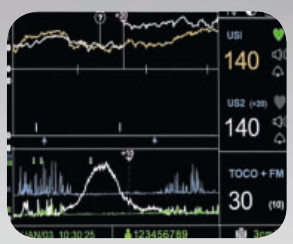
- HR 1 and HR 2 as well as uterine contraction (external monitoring)
- Separate recording of fetal movement
- Integrated CTG analysis
- Printing speed adjustable:10, 20, or 30 mm / min
- Grid function for using fax paper
- 12 hours of data storage
- Documentation of data on print out

Smart 3
Article No. 35.11-1400

- Incl. 2 US probes with 9 crystals and 1 Mhz, 1 Toco probe, event marker, CTG belts, 2 rolls of paper, ultrasound gel, power supply, manual

FC Central Software

Color display



Battery

ECG

Cardio M Plus

12 -, 6 - and 3 - Channel ECG measurement in one device with Touch Screen Display and interpretation

Free ECG Software to download

Cardio M Plus
Article No. 30.11-3600

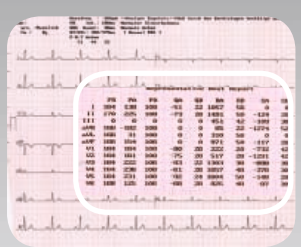
- Large size color display, displaying all 12 channels simultaneously
- Easy to use with touchscreen
- 12 , 6 or 3 - channel printout selectable
- Automatic or manual ECG
- Built-in memory for up to 120 ECGs
- Recommendation for interpretation and measurement of all 12 channels
- Clear print out on A4 size paper
- Battery (optional)
- Incl. ECG accessories

Same as Cardio M Plus, however including Spirometer

Spirometer SPM 300 for Cardio M Plus

Spirometer SPM 300
Article No. 30.11-3600 + 30.10-3100

Interpretation



Standard accessories for Cardio M / M Plus

Battery

Cardio M

12-, 6- and 3 - Channel ECG with interpretation

Free ECG Software to download

Cardio M
Article No. 30.11-2200

- 12 - channel resting ECG
- Time saving towards 3 - and 6 - channel ECGs
- Manual ECG recording or 10 sec. ECG for interpretation
- Records 12 channels simultaneously or in packages (2 x 6, 3 x 4)
- Clear print-out
- Rhythm print - out (by 6 or 3 channels)
- Automatic interpretation recommendation
- Grid-function to use fax paper
- Incl. accessories

- Graphical description and print-out of flow-volume-curve
- Measurement parameters:
  FVC, FEV 1.0, FEF 25-75 %, FEF 200-1200 ml, FEF 50 %,
  FIF 50 %, PIF, FET 100 %, SVC
- Measurements based on ATS criteria
- Large print-out and easy archiving
- Incl. 100 Mouthpieces
- Incl. ECG accessories

Standard accessories for Cardio M / M Plus

Suction unit (optional)

Dimensions

Cardio M PC - a combination of Cardio M & ME Diagnose Center software enables an easy implementation of resting and stress ECGs with an automatic measurement and recording with interpretation.

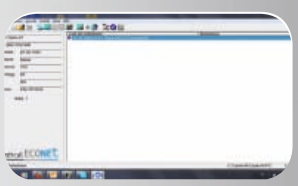
Cardio M - PC resting ECG
Article No. 30.90-9410

Cardio M - PC net
Article No. 30.90-9420

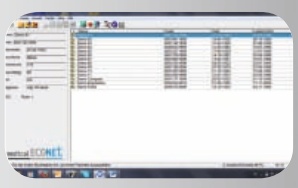
Cardio M - PC ergometry
Article No. 30.90-9430

Cardio M - PC ergometry & online
Article No. 30.90-9440

- Network access to all data
- Take - over of all patient data via HL7 or GDT
- Order management
- Return of clinical reports to HIS or office operation system
- Easy export and record as HTML site
- Connection of further diagnostic devices such as spirometer and NIBP holter

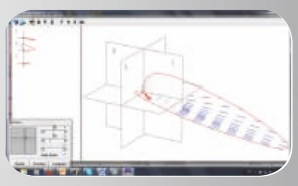


Patient file



Start screen

Resting ECG



ECG vector

Stress ECG

Physio Quant

Physio Quant is an ambulatory blood pressure system with high accuracy and fast data collection of each blood pressure value. Reliable, with elimination of motion artifacts. The analysis software is comfortable and easy to use. It offers various analysis and views of the display. The installation can be done through a PC or PC - network.

Article No. 40.20-3150

- Physio Quant ambulatory blood pressure system
- Cuff for adult
- Bag with a strap
- PC connection cable
- Software CD
- Batteries (2 pcs.)
- Battery charger

Diagnose Center

Cardio Trak Holter - ECG

Cardio Trak Holter ECG
Article No 30.90-9450A

- Sampling rate 10.000Hz
- Patented automatic analysis
- Power saving - 1 x AAA battery for up to 96h recording time
- Light weight – 63g
- Automatic pacemaker detection
- Complete data transmission within 10 seconds
- LCD Display for monitoring the electrode application

Spiro M PC

For diagnostic analysis of pulmonary function, including COPD and asthma. Measurement of VC, FVC as well as MVV and pre - / post measurements. Comfortable analysis software with integrated assistance function and children animation.

Spiro M PC
Article No 40.20-3140

- Direct quality control of FVC curves
- Integrated management system for decision - making for best FVC curve
- Anatomic animation of possible disease
- Automatic internal calibration (optional external calibration with pump)
- Integrated GDT interface
- Plug & Play USB connection
- Communication with patient through human voice (English)
- Pharmaceutical test-subsystem
- Secure and cost - effective disinfection of sensor with InstruMed disinfectant

Used algorithms:
Knudson, E.R.S. , Crapo & Bass / Zappletal etc.

Monitoring

Compact 3

Extremely small and light and therefore perfectly fits for mobile use, hospital or nursing home

- High contrast TFT - display with SpO2, NIBP, temperature, EtCO2 (optional)
- Operated through external power supply or vehicle electrical system
- Li - ion battery operation for up to 5 hours
- Trend memory for up to128 hours
- Alarm memory for 20 alarms with 10 sec. each
- Integrated connector sockets for network and USB
- Incl. SpO2 sensor blood pressure cuff for adult
- Weighs only 1 kg
- Incl. accessories
- L 190 x H 125 x W 60 mm

Compact 3
Article No. 20.11-5200S

EtCO2 module optional
Compact 3 / 7/ 9

SpO2 sensor and adaptor cable

NIBP cuff

Dimensions

Compact 5

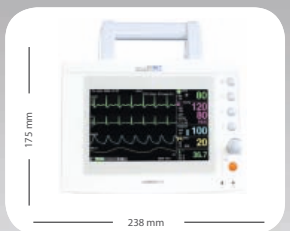
Including Suntech module and printer

7" TFT screen and a resolution of 800 x 600 pixel with connection to an external VGA monitor (optional)

Compact 5
Article No. 20.11-5700S

- Measures NIBP, ECG, pulse rate, respiration, SpO2, temperature (optional)
- ST - segment analysis
- ECG wave 1 channel
- Alarm for all parameters
- Transportable weight 4,5 kg
- Incl. accessories
- L 238 x H 175 x D 155 mm
- Languages: Bulgarian, Czech, English, French, German, Hungarian, Italian, Polish, Portugese, Romanian, Russian, Spanish, Turkish

Emergency bag | Incl. printer | Wall mount adaptor | Dimensions



Compact 7

Including Suntech module and printer

Wide screen 10,4" TFT color display with 800 x 600 pixel, additional VGA output for an external Monitor, IBP and EtCO2 measurement (optional)

- Measures NIBP, ECG, pulse rate, respiration, SpO2, temperature (optional), IBP (optional), EtCO2 (optional)
- Alarm function for all parameters
- Including printer (printable parameters are selectable)
- With training - mode
- Displays up to 7 waves
- Ideal for transport - weight ca.: 4,5 kgs
- Incl. accessories
- L 270 x H 184 x W 250 mm
- Languages: Bulgarian, Czech, English, French, German, Hungarian, Italian, Polish, Portugese, Romanian, Russian, Spanish, Turkish

Compact 7
Article No. 20.11-5900S

Available for all Compact Monitors
Lite Central Software included

- For simultaneous display of all parameters with 2 Compact monitors on 1 PC
- Remote control of patient monitors
- PC: Windows XP or 7 Professional, Intel Pentium 4 processor, 256 MB RAM, 17" - Monitor and VGA graphic card with 36 MB resolution or better. Min. 1280 x 1024 pixel,

NIBP cuff | Battery | Dimensions | Incl. printer

Compact 9

Including Suntech module and printer
12,1" TFT Touch screen
with 800 x 600 Pixel,
add. VGA output monitor
IBP and EtCO2
(optional)

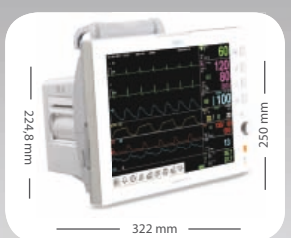
Compact 9
Article No. 20.11-6000S

- NIBP, ECG, pulse rate, respiration, SpO2, temperature (optional) IBP (optional), EtCO2 with EtCO2 module (optional)
- Alarm for all parameters
- With training mode
- Display up to 6 waves
- Incl. accessories
- 168 hours trend memory
- Languages: Bulgarian, Czech, English, French, German, Hungarian, Italian, Polish, Portugese, Romanian, Russian, Spanish, Turkish

LAN - card with fixed IP address, HUB (8 beds: 12 ports, 16 beds: H 24 ports neccessary)
min 40 MB hard disc memory, min. 16 BIT sound card,

- CD - driver and speaker
- WLAN (optional)
- Medical PC, monitor and other hardware is not included

EtCO2 module optional Compact 3 / 7/ 9 | Drug calculations | Touch screen | Dimensions



Mobile Stand for Patient Monitors Compact 5/ 7/ 9

This mobile stand is especially designed for Compact series patient monitors. With its tilt-proof 5-foot frame and lockable casters the hight can be easiliy adjusted. Equipped with a basket the accessory items can be stored.

Article No. 21.10-5040

Mobile stand for patient monitors
Weight: ca. 9kgs

Adjustable height
100cm - 140cm

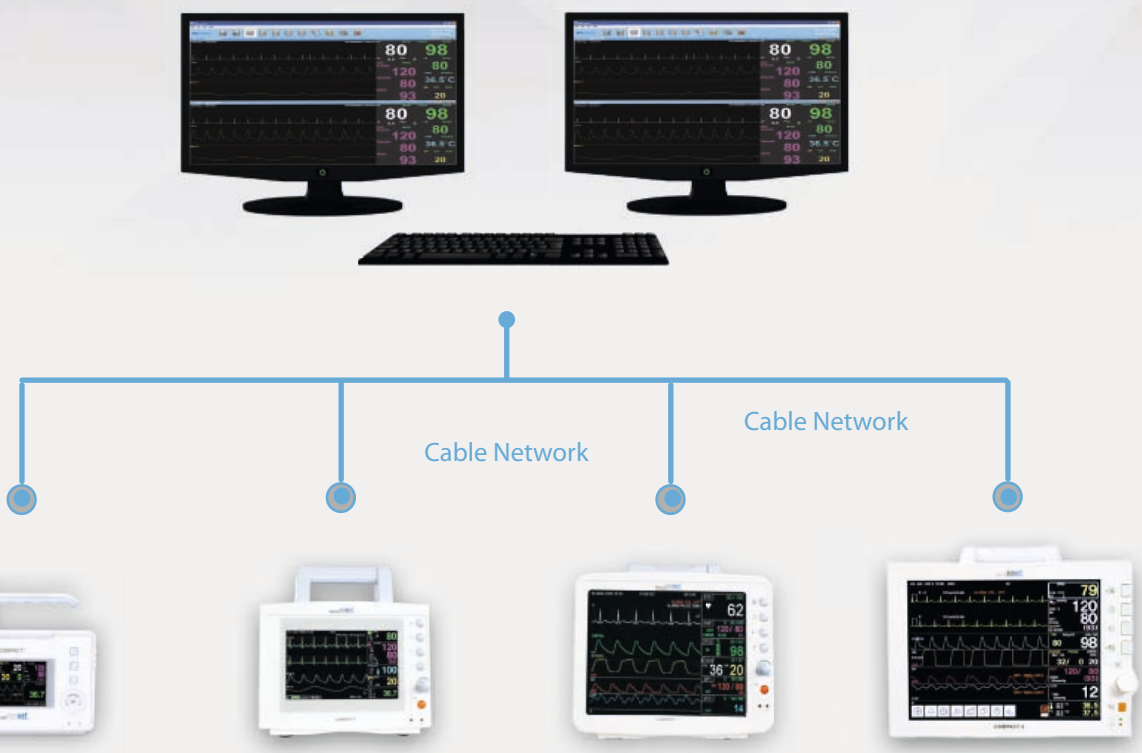
Compact 5

Compact 7

Compact 9

Wireless Network

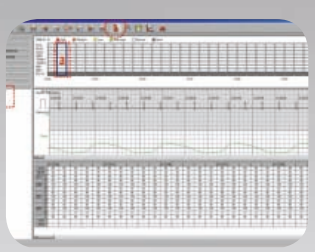
Central Monitoring System



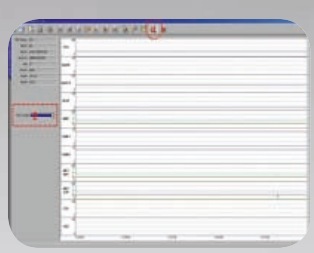
Article No. 21.10-5750

The Central Monitoring System supports centralized monitoring environments through wired or wireless networking capabilities and allows the user to monitor up to 32 patients simultaneously from one location.

Central software



Central software



WLAN

Pulse oximeter

Pulse Oximeter PalmCare Plus

- SpO2, heart rate, pulse wave,
- Alarm levels, signal quality
- 2,8“ color LCD screen
- Available for adult, pediatric and neonate
- 72 hours trend saving time
- Built-in rechargeable Li-ion battery with up to 2 hours of operation (4 hours battery optional)
- Audible alarm with adjustable alarm levels
- English, German, Spanish, French, Italian

PalmCare Plus
Article No. 40.50-2220

ME 5 Pulse Oximeter

- Spot check measurements of patients (>25kgs)
- Digital display of pulse, SpO2 and signal quality
- Measurement range of SpO2: 35 - 99%,
- Pulse: 30 - 235 BPM
- Incl. bag, neck string and batteries
- L 58 x W 32 x H 34 mm

ME 5 Pulse Oximeter
Article No. 40.20-5206

Pulse oximeter sensors

Soft touch Sensor

SpO2 Finger probe
for adults
Length 2 m

Soft touch sensor
Article No. 41.20-5265

Y - Sensor

Y - Sensor incl. earclip
Length 2 m

Y - Sensor
Article No. 41.20-5264

Fingerclip

SpO2 Finger probe
for children
Length 2 m

Fingerclip sensor
Article No. 41.20-5263

Fingerclip

SpO2 Finger probe
for adults
Length 2 m

Fingerclip sensor for adults
Article No. 41.20-5262

ME 10 Finger Pulse Oximeter
Article No. 40.20-5205

ME 10 Pulse Oximeter

Efficient, digital SpO2 finger pulse oximeter with pulse waveform for spot-check measurements of patients (>25 kgs)

- Switchable display in 6 different positions
- Color and numeric display of SpO2, perfusion index, plethysmography
- Weighs only 50g (including batteries)
- Measurement range of SpO2: 45 - 100%, Pulse rate: 20 - 300 BPM
- Including bag, neck string, 2 AAA batteries and user manual
- L 60 x W 34 x H 30 mm

Lab

ECOspin III

ECOspin III is a compact table - top centrifuge which is designed for separation of urine, serum and plasma. Equipped with a 12 - fold fixed angle rotor for max. 15ml test tubes and 4500 rpm, ECOspin III is an ideal appliance for doctor's practice. ECOspin III is convenient in operation through direct entry of time and speed using hygienic keypad. Its durable body makes cleaning and desinfection easier than ever. For a safe use, the lid is locked by electro - magnetic technology during the operation.

ECOspin III
Article No. 60.60-9010

- 12-fold fixed angle rotor for 15ml tubes
- Brushless motor with electronic speed control 300-4500 rpm
- Digital adjustment of operating time and rotating speed
- Hygienic membrane keyboard
- Electro - magnetic lid lock
- Tough, easy - to - clean plastic case
- 255(L) x 245(W) x 140(H)mm
- Weight ca. 6 kg

Emergency

Wall mount adaptor

Wall cabinet

Bag

ME PAD

ME PAD is a defibrillator to help during sudden cardiac attack, quickly applied ME PAD can save lifes. ME PAD can be used in any places. The user gets all the necessary assistance as a voice instruction whereas voice volume is automatically adjusted to the ambient noise. Up to five operations of three hours of duration can be recorded on the internal SD memory card. Any time all the important data such as heart rhythm, energy output, time, etc. are available for the post-analysis. In addition to the automatic power switch while using children pads, the output can be lowered manually.
Children can be treated in emergency cases even if pediatric electrodes are not available. In daily, weekly and monthly intervals a test program is performed.
All functions including battery performance and durability of the electrodes are automatically checked, an alarm will be given in case of errors.
The software of ME PAD is programmed according to the current guidelines of the ERC, the user is instructed through the entire resuscitation.
The long-life Li-ion battery guarantees a stanby time of up to five years or up to 200 shocks at full power.

ME PAD Defibrillator 30.10.4300
Wall cabinet with alarm ME PAD 31.10-4304
Wall mount adapter ME PAD 31.10-4305
Electrode adult ME PAD 31.10-4302A
Lithium Battery ME PAD 31.10-4301B
Bag ME PAD 31.10-4303
Electrode children ME PAD 31.10-4306C

E.S.U.

ECOtom

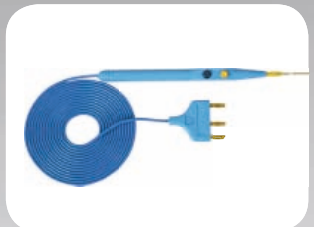
Modern and user friendly electro surgical unit
The user can choose among 4 different modes for the monopolar cut.
The integrated smooth-cut feature helps to optimize for the perfect fit and optimize power output.
In the coagulation mode, stand next to the bipolar function also flows to the contact or spray coagulation (fulguration) are available.
About the neutral, the REM system (remote electrode monitor) will constantly monitor the balance of electricity supply and the neutral feedback.

ECOTOM 80 Article No. 60.20-7003
ECOTOM 200 Article No. 60.20-7001
ECOTOM 400 Article No. 60.20-7000

- Generators with 80, 200 and 400 watts are available
- Monopolar and bipolar applications
- Stabilized power supply
- Operated by waterproof membrane keyboard
- Bipolar control via footswitch or tweezers
- Neutral plate with feedback control
- Wide range of standard accessories included
- 24 months factory warranty

Power supply	115-230 V AC 50/60 Hz
Power consumption	50/60 Hz max. 1200 VA
Frequency	400 KHz / 1.6 MHz
MPG classified	IIa, yearly STK
Dimensions	388 x 410 x 160 mm (B x T x H)

Disposable double handswitch



Neutral electrode

Double footswitch

Technical Support and Service

medical ECONET GmbH works under strict quality management according to DIN EN ISO 13485:2003 and meets the requirements of the highest level of all QM - Systems for companies in the medical technology sector. Our service / repair department meets all the requirements of § 4 of the Medical Devices - Regulation operators.

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Our highly qualified service staff will assist you with action and advice.

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Catalogue

*All specifications are subject to change without notice.